Approved for use through 07/31/2006. OMB 0651-0032
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PATENT APPLICATION
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ired to respond to a conection	of information driess it displays a valid Civib condoi numb
Attorney Docket No.	ION-0219
First Inventor	Keisuke Chino

	IKAI	NSMII I	AL.	Title	11	HERN	MOPLA	45 FIC	ELAS	ΙΟΙ	MER COMPOSITION	
(Only for new nonprovisional applications under 37 CFR 1.53(b))					ess Mail Label No.							
MS Patent Application  Commissioner for Patents												
See MPEP chapte		ADDRESS TO: P.O. Box 1450 Alexandria, VA 22313-1450										
(Submit ar	original,	orm (e.g., PT0 and a duplicate f small entity sta	or fee processing)		7. CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)							
See 37 C			itus.		8.	<ol> <li>Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)</li> </ol>						
3. X Specification [Total Pages 92 ] a. Computer Readable Form (CRF)								·				
" - Descri	iptive title	of the invention e to Related App	•			b. S	pecificati i	1	ence Listi	_		
- Staten	nent Rega	ording Fed spons quence listing, a	ored R & D			c. [	ے" ا	1		•	copies); or ii. Paper of above copies	
- Backg	round of t	program listing ap the Invention	ppendix								ICATION PARTS	
- Brief C	Description	of the Invention of the Drawings	(if filed)		9.	x	Assignm	nent Pape	ers (cover	she	et & document(s))	
- Claim(		Disclosure	_		10.				Statement assigne		Associate Power of Attorney	
4. Drawing(	s) (35 U.	.S.C. 113)	[Total Sheets	1	11.		English	Translatio	on Docum	nent (	(if applicable)	
5. Oath or Declara	ation		[Total Sheets	3 ]	12.			ion Disclent (IDS)/	osure PTO-1449	9	Copies of IDS Citations	
a. X New	ly execu	ted (original or	сору)		13.	[ [] ' '						
	b. Copy from a prior application (37 CFR 1.63(d)) (for continuation/divisional with Box 18 completed)  14. X Return Receipt Postcard (MPEP 503) (Should be specifically itemized)											
		ON OF INVEN			15.	15. X Certified Copy of Priority Document(s) (if foreign priority is claimed)						
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).					16.	16. Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.						
17. Other:												
6. Application	on Data	Sheet. See 37	CFR 1.76			<u> </u>						
18. If a CONTINU	ING API	PLICATION, ci	heck appropriate be oplication Data She	ox, and sup eet under 3	oply the	requis	ite inforn	nation be	low and ir	n the	first sentence of the	
Continua		Divisional		ion-in-part			or applic	ation No.	:			
Prior application							_	Art Unit				
under Box 5b, is co	onsidere	d a part of the	disclosure of the a	ccompany	ing con	ntinuatio	on or div	isional ap	plication	and	th or declaration is supplied is hereby incorporated by tted application parts.	
			19. C	ORRESP	ONDE	NCE.	ADDRE	SS				
X Custome	r Numbe	r:	2335	3			OR		Corresp	onde	nce address below	
RADER, FISHMAN & GRAUER PLLC David T. Nikaido												
Address	1233 20th Street, N.W. Suite 501											
City Washington State				DC Zip Code 20036				20036				
Country US Telephone				(20	)2) 95	55-375	0	F	ax	(202) 955-3751		
Names (Print/	Туре)	David T.	Nikaido/Lee	Cheng		Regis	tration N	os. (Attor	ney/Ager	ıt)	22,663/40,949	
Signature					Date November 25,				ovember 25, 2003			



## FEE TRANSMITTAL for FY 2004 Effective 10/01/2003, Patent fees are subject to annual revision.

Applicant claims small entity status. See 37 CFR 1.27

Complete if Known					
Application Number	NEW APPLICATION				
Filing Date	November 25, 2003				
First Named Inventor	Keisuke Chino				
Examiner Name	Not Yet Assigned				
Art Unit	N/A				
Attorney Docket No.	ION-0219				

					Atto	nt.							
TOTAL AMOUNT OF PAYMENT (\$) 810.00					Attorney Docket No.				ION-0219				
MET	METHOD OF PAYMENT (check all that apply)					FEE CALCULATION (continued)							
Check	Crafit Money Money												
ے لیا ا	sit Account:												
Deposit Account	18-00	112		Fee	Fee								
Number	10-00	713		Code	(\$)	Code	(\$)		Fee Description	Fee Paid			
Deposit	D - I	. O DI		1051	130	2051	65	Sürcharo	e – late filing fee or oath				
Account Name	Rader, Fishman 8	& Grauer PL		l				_	e – late provisional filing fee or cover	$\vdash$			
The Director	is authorized to: (chec	k all that apply)		1052	50	2052	25	sheet.	e – late provisional limity ree of cover				
X Charge	fee(s) indicated below	X Credit any	overpayments	1053	130	1053	130	Non-Engl	ish specification				
	any additional fee(s) durin	ng the pendency of	f this	1812	2,520	1812	2 520	For filing a	request for ex parte reexamination				
applicat	ion				•			_	ng publication of SIR prior to	<u> </u>			
Charge	fee(s) indicated below, ex	cept for the filing	fee	1804	920*	1804	920*	Examiner	action				
to the above	identified deposit accou	unt.		1805	1,840*	1805	1,840*	Requestii Examiner	ng publication of SIR after action				
	FEE CALCU	LATION		1251	110	2251	55	Extension	for reply within first month				
1. BASIC	FILING FEE			1252	420	2252	210	Extension	for reply within second month				
Large Entity	Small Entity			1253	950	2253	475	Extension	for reply within third month				
Fee Fee Code (\$)	Fee Fee Fe	e Description	Fee Paid	1254	1,480	2254	740	Extension	for reply within fourth month				
1001 770	1 '''	filing fee	770.00	1255	2,010	2255	1,005	Extension	for reply within fifth month				
1002 340	2002 170 Design	n filing fee		1401	330	2401	165	Notice of	Appeal				
1003 530	2003 265 Plant f	iling fee		1402	330	2402	165	Filing a bi	rief in support of an appeal				
1004 770	2004 385 Reissu	e filing fee		1403	290	2403	145	Request f	or oral hearing				
1005 160	2005 80 Provis	ional filing fee		1451	1,510	1451	1,510	Petition to	institute a public use proceeding				
	SUBTOTAL	(1) (\$)	770.00	1452	110	2452	55	Petition to	revive – unavoidable				
	JOBIOTAL	(1) [(4)	770.00	1453	1,330	2453	665	Petition to	revive - unintentional				
2. EXTRA	CLAIM FEES FOR		REISSUE	1501	1,330	2501	665	Utility issu	ue fee (or reissue)				
]	Extra Claim		Fee Paid	1502	480	2502	240	Design is:	sue fee				
Total Claims	18 -20** =	×	= 0.00	1503	640	2503	320	Plant issu	e fee				
Independent	1 -3** =	ī.	= 0.00	1460	130	1460	130	Petitions	to the Commissioner				
Claims Multiple Depe	ndent	<b>-</b>	=	1807	50	1807	50	Processir	ng fee under 37 CFR 1.17(q)				
Large Entity	Small Entity		<u></u>	1806	180	1806	180	Submission	on of Information Disclosure Stmt				
Fee Fee	Fee Fee	Fee Descripti	on	8021	40	8021	40		g each patent assignment per	40.00			
Code (\$) 1202 18	Code (\$) 2202 9 Claims i	n excess of 20	<del></del>						times number of properties)  Journal of the state of the				
1202 18		n excess or 20 dent claims in ex	cess of 3	1809	770	2809	385	(37 CFR		<u> </u>			
1203 290		dependent claim		1810	770	2810	385		additional invention to be				
1204 86		ue independent c	•	1801	770	2801	385		(37CFR 1.129(b)) for Continued Examination (RCE)	$\vdash$			
		original patent	-	1802	900	1802	900	•	or expedited examination	$\vdash$			
1205 18			_	550	of a desig	n application							
and over original patent					Other fee (specify)								
SUBTOTAL (2) (\$) 0.00					iced by E	Basic Fil	ing Fee	Paid	SUBTOTAL (3) (\$)	40.00			
**or number previously paid, if greater; For Reissues, see above													

	SUBMITTED BY				(Complete	(if applicable))
1	Names (Print/Type)	David T. Nikaido/Lee Cheng	Registration Nos. (Attorney/Agent)	2,663/40,949	Telephone	(202) 955-3750
	Signature	by o			Date	November 25, 2003
1						•